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NOTICE OF ALLOWANCE AND FEE(S) DUE

29683 7590 06/24/2009

HARRINGTON & SMITH, PC
4 RESEARCH DRIVE, Suite 202
SHELTON, CT 06484-6212

EXAMINER	
WENDELL, ANDREW	
ART UNIT	PAPER NUMBER
2618	

DATE MAILED: 06/24/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/815,263	03/31/2004	Kalle Kangas	853.0003.U1(US)	7473

TITLE OF INVENTION: METHOD FOR BACKUP CONNECTION AND AN ELECTRONIC DEVICE USING THE METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1510	$300	$0	$1810	09/24/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

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10/815,263	03/31/2004	Kalle Kangas	853.0003.U1(US)	7473

TITLE OF INVENTION: METHOD FOR BACKUP CONNECTION AND AN ELECTRONIC DEVICE USING THE METHOD

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nonprovisional	NO	$1510	$300	$0	$1810	09/24/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
WENDELL, ANDREW	2618	455-452100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee

☐ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 155 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 155 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	10/815,263	KANGAS ET AL.	
	Examiner	Art Unit	
	ANDREW WENDELL	2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *4/15/2009*.

2. ☒ The allowed claim(s) is/are *1,4-7,10-12, 14-16, and 18-20*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

1. The following is an examiner's statement of reasons for allowance: Regarding claim 1, the prior art of record, Crocker et al. (US 2004/0198366) communication retry method over digital wireless systems teaches a method for establishing a wireless data transfer connection between a remote application (call center) 170 (Fig. 1) and a controlling application (mobile vehicle telematics unit) 120 (Fig. 1), where the wireless link from the remote application is implemented by a wireless terminal connected to the remote application, the method comprising arranging a group of allowable connection parameter settings 210 and 260 (Fig. 2), each connection parameter setting corresponding to a different service bearer (Section 0034, i.e. SMS, internet, voice, etc.); attempting to use a default connection parameter setting 210 (Fig. 2), wherein the default connection parameter setting corresponds to a default service bearer; detecting that the default service bearer is not usable to establish a wireless data transfer connection 220 (Fig. 2); selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings 260 (Fig. 2 and Sections 0034-0035), until a usable service bearer is identified, to perform the wireless data transfer 260 and 280 (Fig. 2).

Guo's (US 2006/0002338) transmission rate change in communications networks teaches arranging a group of allowable connection parameter settings (transmission power) in a pre-determined order S3-S8 (Fig. 3); attempting to use a default connection

parameter setting S1-S3 (Fig. 3); detecting that the default service bearer is not usable S3-S8 (Fig. 3); serially selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings in the pre-determined order one-after-another until a usable service bearer (communication link that is supported) is found S4-S8 (Fig. 3).

Foltan (US 7,310,338) teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

The prior art of record fails to teach the claimed subject matter as claimed and substantially connected in claims 1 and 4-6.

Regarding claim 7, Crocker et al. teaches a wireless terminal (mobile vehicle telematics unit) 120 (Fig. 1) connected to a remote application (call center) 170 (Fig. 1), the wireless terminal comprising transmitting and receiving means (Sections 0013-0016), a memory (Sections 0013-0015), an application interface (Sections 0013-0015) and a control unit (Sections 0013-0015), where the control unit further comprises a control logic (Section 0013-0014), the control logic configured to attempt to use a default connection parameter setting 210 (Fig. 2), wherein the default connection parameter setting corresponds to a particular service bearer (Sections 0027-0028); to detect that the default connection parameter setting for the wireless link is not usable

220 (Fig. 2); select another connection parameter setting for the wireless link from the group of allowable connection parameter settings 260 (Fig. 2 and Sections 0034-0035), wherein each of the allowable connection settings corresponds to a different service bearer (Section 0034).

Guo teaches attempting to use a default connection parameter setting S1-S3 (Fig. 3); detecting that the default connection parameter setting for the wireless link is not usable S3-S8 (Fig. 3); serially selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings, wherein the group of allowable connection parameter settings is ordered in a predetermined order, and wherein the connection parameter settings are serially selected, one-after-another, in the pre-determined order, until a usable service bearer (communication link that is supported) is identified to perform the wireless data transfer S4-S8 (Fig. 3).

Foltan teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

The prior art of record fails to teach the claimed subject matter as claimed and substantially connected in claims 7, 10-12 and 14.

Regarding claim 15, Crocker et al. teaches detecting a need for a data transfer across a wireless link 210 (Fig. 2); checking a default connection parameter setting 220

(Fig. 2), wherein the default connection parameter setting corresponds to a particular service bearer (Section 0027-0028); attempting to establish a connection with the default connection parameter setting 210 (Fig. 2); determining if the data transfer connection has been established using the default connection parameter setting 220 (Fig. 2); if no data transfer connection has been established, trying a second time to establish a data transfer connection with the default connection parameter setting 250 (Fig. 2); if no data transfer connection is established after the second try, serially selecting another connection parameter setting for the wireless link from a group of allowable connection parameter settings 260 (Fig. 2 and Sections 0034-0035); and establishing a data transfer connection with the usable service bearer 260 and 280 (Fig. 2), each of the connection parameter settings in the group of allowable connection parameter settings corresponding to a different service bearer (Section 0034).

Guo teaches checking a default connection parameter setting S3 (Fig. 3, power transmission); attempting to establish a connection with the default connection parameter setting S1-S3 (Fig. 3); determining if the data transfer connection has been established using the default connection parameter setting S3 (Fig. 3); serially selecting another connection parameter setting for the wireless link from a group of allowable connection parameter settings, wherein the group of allowable connection parameter settings is ordered in a predetermined order, and wherein the connection parameter settings are serially selected, one-after-another in the pre-determined order, until a usable service bearer (communication link that is supported) is found S4-S8 (Fig. 3); establishing a data transfer connection with the service bearer S9-S10 (Fig. 3).

Foltan teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Note, the memory is defined on page 11 lines 23-27 and element 45 in figure 4 of applicant's specification. Examiner is treating the claimed memory to exclude the carrier wave, transmission, or communication type of medium.

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

The prior art of record fails to teach the claimed subject matter as claimed and substantially connected in claims 15-16.

Regarding claim 18, Crocker et al. teaches detecting that a default connection parameter setting for the wireless link is not usable 220 (Fig. 2), wherein the default connection parameter setting corresponds to a particular service bearer (Sections 0027-0028); determining if a command has been received from a controlling application changing a default order for selection of connection parameter settings to a new order 250 and 260 (Fig. 2 and Sections 0034-0035) and, if so, selecting a connection parameter setting in the new order established by the controlling application 260 (Fig. 2), wherein each of the connection parameter settings in the default and new orders corresponds to a different service bearer (Sections 0027-0028 and 0034); and if no command has been received from the controlling application, selecting the

connection parameter setting for the wireless link from a group of allowable connection parameter settings 260 (Fig. 2).

Guo teaches detecting that a default connection parameter (transmission power) setting for the wireless link is not usable S3 (Fig. 2); determining if a command has been received from a controlling application changing an originally-defined order for selection of connection parameter settings to a new order and, if so, selecting a connection parameter setting in the new order established by the controlling application S3-S8 (Fig. 3); serially selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings in the default order one-after-another until a usable connection parameter setting is identified S3-S8 (Fig. 3).

Foltan teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

Regarding claim 19, Crocker et al. teaches arranging a group of allowable service operators (Sections 0034-0035), wherein a service operator ordered first comprises a default service operator 210 (Fig. 2); arranging a group of allowable connection parameter settings (Sections 0034-0035), wherein each of the connection parameter settings corresponds to a different service bearer (Sections 0027-0028 and 0034), and wherein a connection parameter setting ordered first comprises a default

connection parameter setting 210 (Fig. 2); attempting to use the default service operator 210 (Fig. 2); if the default service operator is not usable, selecting another service operator from the group of allowable service operators 220 and 260 (Fig. 2); detecting a need for a data transfer over a wireless link 210 (Fig. 2); attempting to use the default connection parameter setting 210 (Fig. 2); detecting that the default connection parameter setting is not usable, selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings 260 (Fig. 2 and Sections 0034-0035), wherein the usable connection parameter setting corresponds to a particular service bearer (Sections 0027-0028 and 0034).

Guo teaches arranging a group of allowable service operators (power transmission) in a pre-determined order S3-S8 (Fig. 3), wherein a service operator ordered first comprises a default service operator S1-S3 (Fig. 3); arranging a group of allowable connection parameter settings in a pre-determined order, wherein a connection parameter setting ordered first comprises a default connection parameter setting; attempting to use the default service operator S3-S8 (Fig. 3); if the default service operator is not usable, serially selecting another service operator from the group of allowable service operators in the pre-determined order one-after-another until a usable service operator is found S3-S8 (Fig. 3); detecting a need for a data transfer over a wireless link S1-S3 (Fig. 3); attempting to use the default connection parameter setting S1-S3 (Fig. 3); detecting that the default connection parameter setting is not usable, serially selecting another connection parameter setting for the wireless link from the group of allowable connection parameter settings in the pre-determined order

one-after-another until a usable connection parameter setting is identified S3-S8 (Fig. 3).

Foltan teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

Regarding claim 20, Crocker et al. teaches where the control unit (Sections 0013-0015) further comprises a control logic, the control logic configured to attempt to use a default connection parameter setting 210 (Fig. 2), the default connection parameter setting corresponding to a particular service bearer (Sections 0027-0028); to detect that the default connection parameter setting is not usable 220 (Fig. 2); to select a connection parameter setting for the wireless link from a group of allowable connection parameter settings 260 (Fig. 2 and Sections 0034-0035), wherein each of the allowable connection parameter settings comprising the group corresponds to a different service bearer (Section 0034); and selecting a service operator from a list of allowable service operators 260 (Fig. 2).

Guo teaches attempting to use a default connection parameter setting S1-S3 (Fig. 3, transmission power); detecting that the default connection parameter setting is not usable S3 (Fig. 3); selecting a connection parameter setting for the wireless link from a group of allowable connection parameter settings S4-S8 (Fig. 3); and serially to

select a service operator from a list of allowable service operators, wherein the list is in a pre-determined order, and wherein the service operators are selected one-after-another in the pre-determined order S3-S8 (Fig. 3).

Foltan teaches setting the default connection parameter setting to the usable service bearer (Col. 29 lines 44-53).

Even though the combination of Crocker, Guo, and Foltan teach the claim limitations, examiner does not think one skilled in the art would be motivated to make this combination. Further, applicant's remarks filed on 12/22/2008 state more reasons for allowance.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Shell discloses increasing the level of automation when establishing and managing network connections. Van Der Salm discloses a multimode telecommunication terminal device. Kotzin discloses a subscriber device and method therein for enhancing interfaces thereto. Haumont discloses a method and device for performing a packet data communication. Lindell discloses a system and method for network and service selection in a mobile communication station. Ayyagari discloses a proxy-bridge connection remote user to a limited connectivity network. Harris discloses a personal data storage and transaction device system and method. Schmidt discloses a lifeline backup system and method for telephone networks. Abousleman discloses a system and method for satellite-based transmission of voice signals using an otherwise dedicated wireless channel. Angelhag discloses a multiple devices sharing a commone accessory.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANDREW WENDELL whose telephone number is (571)272-0557. The examiner can normally be reached on 8:00-5:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nay A. Maung/
Supervisory Patent Examiner, Art Unit 2618

/Andrew Wendell/
Examiner, Art Unit 2618

6/17/2009